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Apple Trees

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ORCHARD ON HIBERNAL ROOTSTOCK

This is one block of Stayman, Rome and Delicious on hibernal rootstock about ten years old at Ernella orchards in Belvidere, N. J. Trees have developed strong framework branches and have been consistently productive. Uniformity of growth is also prevalent in this and other blocks at Ernella and other orchards in the state.

*offered for FALL 1962
and SPRING 1963*

by The New Jersey Apple Institute
New Brunswick, New Jersey

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U. S. DEPARTMENT OF AGRICULTURE

VARIETIES

STARR

A large, early green summer apple, ripening during July. It has a two to three week harvesting season. It is an excellent cooking apple. The trees come into bearing early, particularly when propagated on Hiberna stock. An excellent variety for either the home or commercial orchard.

N. J. 2

A firm, medium to large, attractive, early, green apple changing to an attractive yellow as it matures. It ripens a few days later than Starr, but a portion of the crop may be harvested with Starr in suitable condition for cooking. When fully mature it also is a good dessert apple. The trees come into bearing early and are productive, vigorous, hardy and resistant to fire-blight. A promising summer variety to replace English Codling and possibly Starr in some areas. It has shown a weakness toward biennial bearing.

JULYRED (N. J. 21)

Julyred ripens about with Melba and a week to 10 days after the first picking of Starr. The fruit is medium and above in size (2½" and up). It is ½ or more colored with an attractive, medium red. It has very good eating quality.

PURITAN

A new variety from Massachusetts that ripens just ahead of Early McIntosh and with N. J. 25. It is a hybrid of McIntosh and Red Astrachan. It is an attractive red apple of medium size. Dessert quality is tart and the flesh is crisp and white. It has shown a weakness toward biennial bearing.

TWENTY OUNCE

A large yellowish-green apple used for cooking. It is harvested over a long period, beginning in the early part of August. The fruit is noticeably heavy, and it will develop red striping as it matures. The tree is large, somewhat biennial in production, and susceptible to fire blight disease.

RED GRAVENSTEIN

Same season as regular Gravenstein. A red strain of the same size and quality.

N. J. 3

The fruit of this seedling resembles McIntosh in general appearance. It develops more red color than McIntosh at New Brunswick and hangs to the tree five days to a week later. The tree is of medium size and productive. It is a substitute for McIntosh where the latter normally does not develop enough red color. It is annual in production and a heavy producer. It harvests over a long period.

McINTOSH

This very popular fall apple is grown in great quantity in the Northeast. It is best adapted to North and Central Jersey where it attains a reasonably good red color, excepting during extremely hot weather. It is rated high as a dessert apple and is the first variety to move into storage in quantity. The flesh is clear white, tender, and of fine texture. The tree is large, spreading, and prolific. The strains propagated by the Institute are more highly colored than the standard McIntosh.

LIMITED QUANTITY

UNNAMED VARIETIES OF APPLES AVAILABLE TO NEW JERSEY GROWERS ONLY FOR FALL 1962-SPRING 1963 PLANTING

N. J. 25

The first picking of N. J. 25 is a week to 10 days after N. J. 21 but it ripens over a period of a week or more. The fruit is of medium size, firm and good quality. It is washed and splashed about $\frac{1}{2}$ over with an attractive red. It is productive and bears at an early age. 75% of the crop can be harvested at the first picking.

N. J. 27

N. J. 27 ripens about 2 weeks after N. J. 25. The fruit ripens evenly and is uniform in size ($2\frac{1}{2}$ " and up) with good, mild quality. The fruit is usually completely covered with a very attractive, medium red. It is a firm apple and remains hard when fully ripe.

N. J. 28

N. J. 28 ripens the last of August at New Brunswick, that is, about with Lobo and about a week after N. J. 27. It hangs well, is a large conic apple that resembles Delicious. The flesh is firm and juicy but not tough. The quality is mild like Delicious. The original tree shows a tendency toward biennial bearing, but top worked trees have had three consecutive crops.

N. J. 29

N. J. 29 ripens about with Rome Beauty. The fruit is uniformly medium large ($2\frac{3}{4}$ "-3"). When fully ripe the fruits are $\frac{1}{2}$ to $\frac{3}{4}$ covered with a bright, light, washed red over bright, yellow-orange ground color. The fruit is of better quality than Jerseyred and Rome Beauty, and hangs well. Fully tree-ripened fruits kept in good condition until June in 33° F. storage.

There are a few trees of the following three selections:

N. J. 12

Ripens at New Brunswick middle of August. Medium to large size, good red color, fairly firm, mild flavor. Has not been recommended for planting because of susceptibility to Jonathan Spot. Has been very satisfactory in North Jersey.

N. J. 16

Ripens during the middle of August at New Brunswick, good size, attractive striped red color, smooth finish, medium firm, good flavor. Has looked good in southern New Jersey plantings.

N. J. 18

A large, medium firm, mild flavored, medium dark red apple that matures a week or more before McIntosh. Original tree discarded because it was not regularly productive. Quality fair, it looks good in one Burlington County orchard.

The prices on all unnamed varieties are the same as for named varieties.

RED JONATHAN

A sport of Jonathan that develops solid red color. It is a medium to small sized apple like the parent variety. Red Jonathan has the fine dessert qualities of its parent. The tree comes into bearing early and is annual in production.

VANCE DELICIOUS

An early coloring—early ripening red sport of Delicious that originated in Virginia. It attains solid red color before other double red strains and ripens a week to ten days ahead of the other red strains.

DOUBLE RED DELICIOUS

A red bud sport of Delicious with all of the good qualities of that popular variety. It may be harvested earlier and develops more red color than the regular Delicious.

GRIMES GOLDEN

An old variety of excellent dessert quality and especially good for pies and sauce. With hormone thinning, this variety is more annual in production and fruit size is increased. Grimes ripens between Cortland and Delicious. It is an excellent pollinating variety.

YELLOW DELICIOUS

An attractive, high quality, golden-yellow apple. Very popular. Excellent for any purpose: eating, salads, cooking etc.

TURLEY

A large, attractive, red apple of good quality ready to harvest about a week before Stayman. It does not crack like Stayman and develops more red color similar to but brighter than Paragon. It is an excellent cooking apple and superior to Paragon for eating.

N. J. 10

N. J. 10 is a promising selection ripening about with Stayman. It develops a bright, attractive 50% red color and has exceptionally fine finish. It has been productive on test trees annually. N. J. 10 stores well and scald has not been a problem. The dessert quality is mild compared to Stayman and perhaps more like Delicious. Its shape is like a flattened Delicious. It clusters some and needs some thinning for best color and uniformity. The productiveness, storage qualities, bright red color and dessert qualities make it worth consideration.

RED STAYMAN

This is one of the most attractive red bud sports of Stayman. Other than developing fruit with more and better color both tree and fruit are similar to the regular Stayman.

WINESAP

An improved, more highly colored Winesap ripening at the same season as the parent variety. There is renewed interest in this variety because of its superior storage qualities and the demand for a greater percentage of smaller sized apples. Chemical thinning also reduces the biennial habit of this variety.

CRANDALL

This apple is a cross of Rome and Jonathan. The tree is annual in production. The flavor is mild and good to excellent as a dessert apple. It ripens about with Rome, hangs well to the tree and stores well.

ROME BEAUTY

The most important variety grown in New Jersey. This strain is a highly colored Rome ripening about with Stayman and Winesap or slightly later. It is an annual producing variety.

RED ROME

Red Rome is more highly colored than the Rome Beauty except in northern areas. This strain resembles Gallia Beauty which is rated one of the best. Generally Red Rome fruits are slightly smaller than Rome Beauty. Production is also annual and the color is bright.

JERSEYRED (N. J. No. 1)

A large, attractive, winter apple similar to Rome in size and shape. Jerseyred originated as a cross of Gallia Beauty and White Winter Pearmain, a late winter apple with excellent storage quality.

Jerseyred hangs to the tree later than Rome and keeps longer in storage in good condition. It will prolong the Rome harvesting season and provide an apple with better quality than Rome.

GRADES AND PRICES

Trees on Hibernial Stocks

Grade	1 to 9 trees	10 to 49 trees	50 to 99 trees	100 to 499 trees	Over 500 trees
3 to 7 feet.....		\$2.00	\$1.50	\$1.30	\$1.20
5 to 7 feet.....	\$3.00				

Trees may be secured at the C. H. Steelman Fruit Nursery on the Clarks-ville-Port Mercer Road, about one-quarter mile from Sate Highway Route 1. Telephone WALnut 4-2525. Small shipments to distant points, including all orders for less than 25 trees, will be sent by express collect unless otherwise specified on the order blank.

PLACING ORDERS

All orders for trees should be sent to the New Jersey Apple Institute, Inc., R. D. No. 3, Princeton, New Jersey. Orders for Fall delivery will receive first consideration.

A deposit equal to 10 per cent of the total cost of the trees is required with each order and the balance before delivery.